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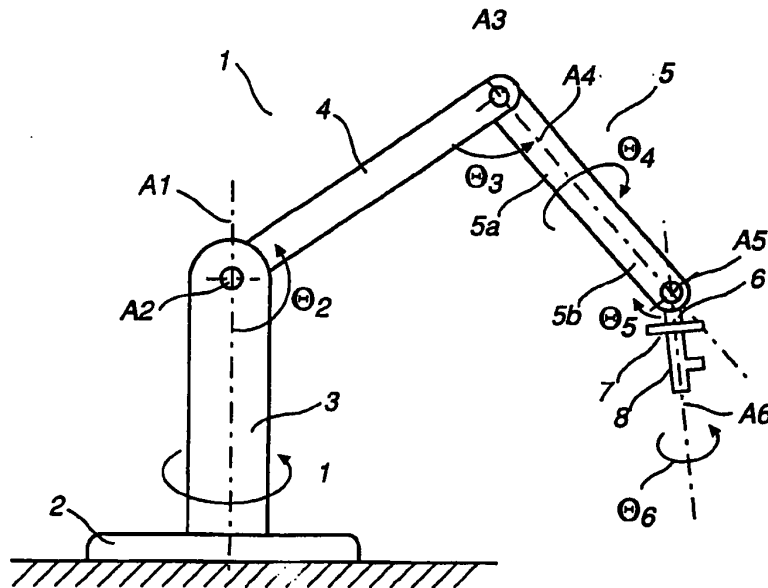
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(54) Title: INDUSTRIAL ROBOT



(57) Abstract: A power supply system for an industrial robot (1), comprising a transmitting part (11) including a first coil (14) and a first converter (13) for producing an alternating magnetic field from the first coil, and a receiving part (12) comprising a second coil (15) for providing an alternating current by induction from the alternating magnetic field and a second converter (16) for producing from the alternating current a direct current for providing power to a tool (8) carried by the robot.

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